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- (74) Agents: **PRIVETT, Kathryn, Louise et al.**; SmithKline
Beecham, Corporate Intellectual Property, Two New Hor-
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- (71) Applicant (for all designated States except US):
SMITHKLINE BEECHAM BIOLOGICALS S.A.
[BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **THONNARD, Joelle**
[BE/BE]; SmithKline Beecham Biologicals s.a., Rue de
L'Institut 89, B-1330 Rixensart (BE).
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(54) Title: **CLONING OF BASB110 ANTIGEN FROM MORAXELLA (BRANHAMELLA) CATARRHALIS**

(57) Abstract: The invention provides BASB110 polypeptides and polynucleotides encoding BASB110 polypeptides and methods for producing such polypeptides by recombinant techniques. Also provided are diagnostic, prophylactic and therapeutic uses.

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